



1FW

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

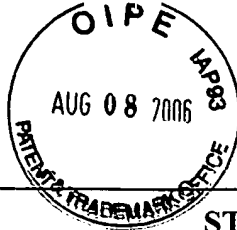
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	08/465596-Conf. #2132 ✓	
	Filing Date	June 5, 1995	
	First Named Inventor	Richard F Selden	
	Art Unit	1632	
	Examiner Name	D. Crouch	
Total Number of Pages in This Submission	7	Attorney Docket Number	T0541.70000US06

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Statement Under 37 CFR 3.73(b) Copy of Recorded Assignment
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	WOLF, GREENFIELD & SACKS, P.C.		
Signature			
Printed name	Michael T. Siekman		
Date	August 2, 2006	Reg. No.	36,276

Certificate of Mailing Under 37 CFR 1.8(a)	
I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
Dated: 8/2/06	Signature: (Heather A. McLennand)



STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Richard F Selden
Application No./Patent No.: 08/465,596 Filed/Issue Date: June 5, 1995
Confirmation No. (if applicable): 2132
Entitled: TRANSKARYOTIC IMPLANTATION
Shire Human Genetic Therapies, Inc., a Corporation

(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is the assignee of the entire right, in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Richard F Selden To: The General Hospital Corporation
The document was recorded in the Patent and Trademark Office at
Reel 4817 Frame 0245, or for which a copy thereof is attached.
2. From: The General Hospital Corporation To: Transkaryotic Therapies, Inc.
The document was recorded in the Patent and Trademark Office at
Reel 017831 Frame 0175, or for which a copy thereof is attached.
3. From: Transkaryotic Therapies, Inc. To: Shire Human Genetic Therapies, Inc.
The document was recorded in the Patent and Trademark Office at
Reel 017831 Frame 0417, or for which a copy thereof is attached.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e. a true copy of the original assignment document(s)) must be submitted to the Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08.]

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

JULY 10, 2006
Date

Konstantinos Andrikopoulos
Signature

Konstantinos Andrikopoulos, Ph.D., J.D.

ASSOC. GENERAL COUNSEL
Title



PTO/SB/81 (04-05)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY
and
CORRESPONDENCE ADDRESS
INDICATION FORM****Application Number** 08/465596-Conf. #2132**Filing Date** June 5, 1995**First Named Inventor** Richard F Selden**Title** TRANSKARYOTIC IMPLANTATION**Art Unit** 1632**Examiner Name** D. Crouch**Attorney Docket No.** T0541.70000US06

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

☐ Practitioners associated with the Customer Number:

OR

☒ Practitioner(s) named below:

Name	Registration Number	Name	Registration Number
Kerry A. Flynn	33,693		
Konstantinos Andrikopoulos	48,915		
Michael T. Siekman	36,276		

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The address associated with the above-mentioned Customer Number:

OR

☒ The address associated with Customer Number:

OR

☐ Firm or Individual Name

Address

City

State

Zip

Country

Telephone

Email

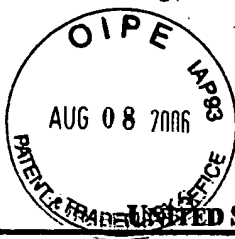
I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Signature	Konstantinos Andrikopoulos	Date	10 JUL 06
Name	Konstantinos Andrikopoulos, J.D., Ph.D.	Telephone	(617) 613-4255
Title and Company			

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 1 forms are submitted.

**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 23, 2006

PTAS

500118624A

WOLF, GREENFIELD & SACKS, P.C.
600 ATLANTIC AVENUE
BOSTON, MA 02210-2206

500118624A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/23/2006

REEL/FRAME: 017831/0417

NUMBER OF PAGES: 3

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: T0541.70000US06

ASSIGNOR:

TRANSKARYOTIC THERAPIES, INC.

DOC DATE: 01/17/2006

ASSIGNEE:

SHIRE HUMAN GENETIC THERAPIES,
INC.

700 MAIN ST.
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 08465596

FILING DATE: 06/05/1995

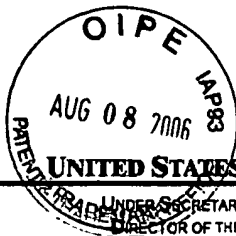
PATENT NUMBER:

ISSUE DATE:

TITLE: TRANSKARYOTIC IMPLANTATION

017831/0417 PAGE 2

JOANN STEWART, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JUNE 23, 2006

PTAS

500118623AWOLF, GREENFIELD & SACKS, P.C.
600 ATLANTIC AVENUE
BOSTON, MA 02210-2206***500118623A***UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 06/23/2006

REEL/FRAME: 017831/0175

NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: T0541.70000US06

ASSIGNOR:

THE GENERAL HOSPITAL CORPORATION

DOC DATE: 04/08/2005

ASSIGNEE:

TRANSKARYOTIC THERAPIES, INC.

700 MAIN ST.

CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 08465596

FILING DATE: 06/05/1995

PATENT NUMBER:

ISSUE DATE:

TITLE: TRANSKARYOTIC IMPLANTATION

017831/0175 PAGE 2

JOANN STEWART, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION